

DECLARATION AND POWER OF ATTORNEY

PENNIE & EDM

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

ALPHA (2) MACROGLOBULIN RECEPTOR AS A HEAT SHOCK PROTEIN RECEPTOR AND USES THEREOF

and for which a patent application:

☑ is attached hereto and includes amendment(s) filed on (if applicable)

was filed in the United States on as Application No. (for declaration not accompanying application)

with amendment(s) filed on (if applicable)

□ was filed as PCT international Application No. on and was amended under PCT Article 19 on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

	EARLIEST FOREIGN APPLIC	ATION(S), IF ANY, FILED PRIC	OR TO THE FILING DATE O	F THE APPLICATION
	APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
				YES □ NO □
==		•		YES - NO -

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and an	APPLICATION NUMBER	FILING DATE
	60/209,095	June 2, 2000

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

			STATUS_	
APPLICATION SERIAL NO.	FILING DATE	PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27694), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), William S. Galliani (Reg. No. 33885), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35140), Brian D. Siff (Reg. No. 36507), and Alan Tenenbaum (Reg. No. 34939), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEN	D CORRESPONDENC	E TO:	PENNIE & EDMO	he Americas	PEN	ECT TELEPHONE CALL INIE & EDMONDS LLP DO 2) 790-2803	
	FULL NAME OF INVENTOR	LAST NAME Srivastava	<u> </u>	FIRST NAME Pramod		MIDDLE NAME K.	
2 0 1	RESIDENCE & CITIZENSHIP	CITY		STATE OR FORE Connecticu		COUNTRY OF CITIZENSHI India	P
	POST OFFICE ADDRESS	street 70 Pheasar	nt Run	CITY Avon		STATE OR COUNTRY Connecticut	ZIP CODE 06001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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SIGNATURE OF INVENTOR 201	Y	
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Pramod K. Srivastava		
DATE 7-7H-	. ₽ Q	
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Express Mail No.: <u>EL 501 633 351 US</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Pramod K. Srivastava Application of:

Group Art Unit: Not yet assigned Application No.: Not yet assigned

Examiner: Not yet assigned Filed: July 25, 2000

ALPHA (2) MACROGLOBULIN RECEPTOR AS A For:

HEAT SHOCK PROTEIN RECEPTOR AND USES

THEREOF

Attorney Docket No.: 8449-123-999

TRANSMITTAL OF VERIFIED STATEMENTS AND REQUEST TO ESTABLISH SMALL ENTITY STATUS

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The Applicant submits herewith the following documents for the above-mentioned application: (1) a Verified Statement Claiming Small Entity Status for the University of Connecticut Health Center; and (2) a Verified Statement Claiming Small Entity Status for Antigenics, LLC.

The Applicant has assigned his entire right, title and interest in the instant application to the University of Connecticut Health Center. The University of Connecticut Health Center has granted certain rights in the application to Antigenics, LLC. The University of Connecticut qualifies as a Small Entity under 37 C.F.R. §§ 1.9(f) and 1.27(d). Antigenics, LLC qualifies as a Small Entity under 37 C.F.R. §§ 1.9(f) and 1.27(c).

It is respectfully requested that the application be accorded Small Entity Status in accordance with 37 C.F.R. §§ 1.9(f), 1.27(c) and 1.27(d). Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A duplicate of this sheet is enclosed for accounting purposes.

Respectfully submitted,

Date: July 25, 2000

Enclosures

PENNIE & EDMONDS LLP 1155 Avenue of the Americas

New York, New York 10036-271

(212) 790-9090

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE UNITED 32	
In re: Application of: Pramod K. Srivastava	
In re: Application of Trans	
Group Art Unit: To be assigned	
To be assigned	
☐ Application No.: 10 of Examiner: To be assigned	
Patent No.	
☐ Filed: herewith ☐ Issued: Attorney Docket No.: 8449-123-999	
☐ Issued: Attorney Docket No.: 64-12	
TIT IN RECEIVE	
For: ALPHA (2) MACROGLOBULIN RECEPTOR AS A HEAT SHOCK PROTEIN RECEPTOR THEREOF	
AND USES THEREOF AND USES THEREOF VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS [37 CFR 1.9(f) and 1.27(c)] - Small Business Concern	
VERIFIED STATEMENT (DECEMBER 1 9(f) and 1.27(c)] - Small Business	
[37 CFR 1.7(1)	
or for Patents	
Assistant Commissioner for Patents	
Assistant Communication Washington, D.C. 20231	
Sir:	
I hereby declare that I am I hereby declare that I am I hereby declare that I am I have concern identified below:	
I hereby declare that I am I hereby declare that I am I the owner of the small business concern identified below: the owner of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in behalf of the small business concern empowered to act in the small business concern empowere	
I hereby declare that I am I	
the owner identified below: the concern identified below: the concern identified below: Name of organization New York, NY 10111 New York, NY 10111	
the concern identified below. Antigenics, LLC Antigenic	
Address of organization New Yorks. New Yo	a) and (b)
I hereby declare that the above identified small business concern qualifies under section 41(I hereby declare that the above identified small business concern qualifies under section 41(concern as defined in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(concern as defined in 37 CFR 1.9(d), for purposes of the concern, including the concern as defined in 37 CFR 1.9(d), for purposes of this statement, (1) the number of Title 35, United States Code, in that the number of purposes of this statement, (1) the number of Title 35, United States Code, in that the number of purposes of this statement, (1) the number of Title 35, United States Code, in that the number of purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of the purposes of this statement, (1) the number of this statement, (1) the number of this statement, (1) the number of the purposes of this statement, (1) the number of the number of this statement, (1) the number of this statemen	of
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the specification filed includes application no. filed:	NY2 - 1103712.1
 the specification filed herewith application no. issued patent no. 	

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention or organization having rights to the invention, who could not qualify as an independent inventor are held by any person, other than the invention, or by any concern which would not qualify as under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

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	University of Come	****	TYON	
ADDRESS	263 Farmington Ave Farmington, Connec SMALL BUSINESS CON	cticut 06030	IT ORGANIZATION	
ADDIC	MALL BUSINESS CON	ICEKN P. ICEKN		
INDIVIDUAL IN	SIVIADE -			

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, are status in loss of entitlement to small entity status prior to paying, or at the time of paying, or at the time of paying, are status as a small the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28 (b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are ments were made with the knowledge that willful false section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United punishable by fine or imprisonment, or both or both

Send correspondence to: PENNI

PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, N.Y. 10036-2711 Direct Telephone calls to: PENNIE & EDMONDS LLP (212) 790-9090

New York, The	
Garo H. Armen	
gigning CEvecutive Office	
Antigenics, LLC 2100	
Title of person other than owner Antigenics, LIC Address of person signing 630 Fifth Avenue, Suite 2100 Address of person signing 7 - 3.5 - 6	
Address of person signing 630 Fittin Attended Parks NY 10111 Date 7-35-6	<u> </u>
Signature Jambue 1.5 cm each named person, concern	or organ
Compatite	

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities.

(37 CFR 1.27)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of: Pramod K. Srivastava Patent of:	
☐ Application No.: To be assigned ☐ Patent No.:	Group Art Unit: To be assigned
☑ Filed: herewith ☐ Issued:	Examiner: To be assigned
For: Alpha (2) Macroglobulin Receptor as a Heat Shock Protein Receptor And Uses Thereof	Attorney Docket No.: 8449-123-999
VERIFIED STATEMENT (DECLARATIO [37 CFR 1.9(f) and 1.27(d)	N) CLAIMING SMALL ENTITY STATUS
Assistant Commissioner for Patents Washington, D.C. 20231	
Sir:	
Address of organization 263 Farmington Farmington, C Type of organization University or other institution of higher Tax exempt under Internal Revenue Ser Nonprofit scientific or educational unde (Name of state (Citation of statute Would qualify as tax exempt under Inter 501(c)(3)) if located in the United States	education vice Code (26 USC 501(a) and 501(c)(3)) r statute of state of the United States of America rnal Revenue Service Code (26 USC 501(a) and so of America. educational under statute of state of the United states of America. educational under statute of state of the United states of America. ontified above qualifies as a nonprofit organization reduced fees under section 41(a) and (b) of Title entitled "ALPHA (2) MACROGLOBULIN
☑ the specification filed herewith☐ application no. filed:☐ patent no. issued	

NY2 - 1103707.1

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization identified above and/or there is an obligation under contract or law by the inventor(s) to convey rights to the nonprofit organization identified above with regard to the invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

FULL NAME ADDRESS	Antigenics, LLC 630 Fifth Avenue, Suite 2100 New York, NY 10111		
□ INDIVIDUAL	SMALL BUSINESS CONCERN	☐ NONPROFIT ORGANIZATION	
FULL NAME ADDRESS			
□ INDIVIDUAL	☐ SMALL BUSINESS CONCERN	□ NONPROFIT ORGANIZATION	

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28 (b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, and patent issuing thereon, or any patent to which this verified statement is directed.

Send correspondence to: PENNIE & EDMONDS LLP

1155 Avenue of the Americas New York, N.Y. 10036-2711 Direct Telephone calls to: PENNIE & EDMONDS LLP (212) 790-9090

	rd P. Paplauskas
Title of person other than owner_	Asst. Vice Chancellor for Research
	University of Connecticut Health Center
	263 Farmington Avenue, Farmington, CT 06030
Signature	Date 7/25/0)
,	

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities.

(37 CFR 1.27)

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